

```
#List
```

```
x = [2,4,6,8,10]
```

Q1.write a code to add a element 'eleven' , inside list at the end

```
output-:[2,4,6,8,10,'eleven']
```

Q2.perform an operation to get the following output

```
output-: ['one', 2, 4, 6, 8, 10, 'eleven']
```

Q3.perform an operation to merge the list y inside list x

```
y= [12,13,14]
```

```
output-: ['one', 2, 4, 6, 8, 10, 'eleven', 12, 13, 14]
```

Q4.perform an operation to get the following output

```
output-: [14, 13, 12, 'eleven', 10, 8, 6, 4, 2, 'one']
```

Q5.Perform one single operation to remove 'eleven', 10, 8 all together at once

```
output-: [14, 13, 12, 6, 4, 2, 'one']
```

Q6.write a code to remove 'one' element from the list

```
output-: [14, 13, 12, 6, 4, 2]
```

Q7.write a code to get the following output

```
x = ["hey","there","hello","world"]
```

```
y= " "
```

```
output-: 'hey there hello world'
```

```
In [1]:
```

```
x = [2,4,6,8,10]
```

In [2]:

```
#x = [2,4,6,8,10]
#Q1.write a code to add a element 'eleven' , inside list at the end
#output-:[2,4,6,8,10,'eleven']

x.append('eleven')
print(x)
```

```
[2, 4, 6, 8, 10, 'eleven']
```

In [3]:

```
#Q2.perform an operation to get the following output
#output-: ['one', 2, 4, 6, 8, 10, 'eleven']

x.insert(0,'one')
print(x)
```

```
['one', 2, 4, 6, 8, 10, 'eleven']
```

In [4]:

```
#Q3.perform an operation to merge the list y inside list x
#y= [12,13,14]
#output-: ['one', 2, 4, 6, 8, 10, 'eleven', 12, 13, 14]

y = [12,13,14]
x.extend(y)
print(x)
```

```
['one', 2, 4, 6, 8, 10, 'eleven', 12, 13, 14]
```

In [5]:

```
#Q4.perform an operation to get the following output
#output-: [14, 13, 12, 'eleven', 10, 8, 6, 4, 2, 'one']

x = x[::-1]
print(x)
```

```
[14, 13, 12, 'eleven', 10, 8, 6, 4, 2, 'one']
```

In [6]:

```
#Q5.Perform one single operation to remove 'eleven', 10, 8 all together at once
#output-: [14, 13, 12, 6, 4, 2, 'one']

del x[3:6]
print(x)
```

```
[14, 13, 12, 6, 4, 2, 'one']
```

In [7]:

```
#Q6.write a code to remove 'one' element from the list  
#output-: [14, 13, 12, 6, 4, 2]  
  
x.pop()  
print(x)
```

```
[14, 13, 12, 6, 4, 2]
```

In [14]:

```
#Q7.write a code to get the following output  
#x = ["hey","there","hello","world"]  
#y= " "  
#output-: 'hey there hello world'  
  
x = ["hey","there","hello","world"]  
y= " "  
y.join(x)
```

Out[14]:

```
'hey there hello world'
```

In []: